

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 7	
1. CONTRACT PURCH ORDER/AGREEMENT NO. DAAE07-03-D-S008			2. DELIVERY ORDER/CALL NO. 0019		3. DATE OF ORDER/CALL (YYYYMMDD) 2003NOV13		4. REQUISITION/PURCH REQUEST NO. SEE SCHEDULE		5. PRIORITY DOA4		
6. ISSUED BY TACOM WARREN BLDG 231 AMSTA-AQ-ATA HARRIET I. MARCET (586)574-8916 WARREN, MICHIGAN 48397-5000 EMAIL: MARCETH@TACOM.ARMY.MIL HTTP://CONTRACTING.TACOM.ARMY.MIL			CODE W56HZV		7. ADMINISTERED BY (If other than 6) DCMA MANASSAS 10500 BATTLEVIEW PKWY SUITE 200 MANASSAS VA 20109-2342 SCD: C PAS: NONE ADP PT: HQ0338			CODE S2404A		8. DELIVERY FOB <input type="checkbox"/> DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule if other)	
9. CONTRACTOR RADIAN INC. 5845 RICHMOND HWY ALEXANDRIA, VA. 22303-1865 NAME AND ADDRESS TYPE BUSINESS: Large Business Performing in U.S.			CODE 2R341		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE			11. X IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMAN-OWNED	
12. DISCOUNT TERMS			13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Block 15		14. SHIP TO SEE SCHEDULE			CODE		15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS, OH 43218-2264	
16. TYPE OF ORDER DELIVERY/CALL PURCHASE			X		THIS DELIVERY ORDER IS ISSUED ON ANOTHER GOVERNMENT AGENCY OR IN ACCORDANCE WITH AND SUBJECT TO TERMS AND CONDITIONS OF ABOVE NUMBERED CONTRACT. Reference your <input type="checkbox"/> Oral <input type="checkbox"/> Written Quotation _____, Dated _____. furnish the following on terms specified herein. ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.						
<div style="display: flex; justify-content: space-between;"> <div>NAME OF CONTRACTOR</div> <div>SIGNATURE</div> <div>TYPED NAME AND TITLE</div> <div>DATE SIGNED (YYYYMMDD)</div> </div> <div style="margin-top: 5px;"> <input checked="" type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:         </div>											
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE SEE SCHEDULE											
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/SERVICE				20. QUANTITY ORDERED/ACCEPTED*		21. UNIT	22. UNIT PRICE		23. AMOUNT
		SEE SCHEDULE CONTRACT TYPE: Firm-Fixed-Price  KIND OF CONTRACT: Service Contracts									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.					24. UNITED STATES OF AMERICA MARY L. MCCULLOUGH /SIGNED/ MCCULLOM@TACOM.ARMY.MIL (586)574-5268 BY: CONTRACTING/ORDERING OFFICER					25. TOTAL \$25,156.85	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO CONTRACT EXCEPT AS NOTED											
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP. NO.		29. D.O. VOUCHER NO.		30. INITIALS	
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS				31. PAYMENT <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY		33. AMOUNT VERIFIED CORRECT FOR	
36. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. CHECK NUMBER		35. BILL OF LADING NO.	
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER				37. RECEIVED AT		38. RECEIVED BY (Print)		39. DATE RECEIVED (YYYYMMDD)	
						40. TOTAL CONTAINERS		41. S/R ACCOUNT NUMBER		42. S/R VOUCHER NO.	

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> <b>PIIN/SIIN</b> DAAE07-03-D-S008/0019 <b>MOD/AMD</b>	<b>Page</b> 2 <b>of</b> 7
<b>Name of Offeror or Contractor:</b> RADIAN INC.		

SUPPLEMENTAL INFORMATION

1. The purpose of this task order 0019 is to fund an analytical study to identify an LP-12 Water Well Drilling Support Vehicle. This task order supports the Force Projection Project Management Office.
2. The contract type is firm-fixed-price, level-of-effort, term contract (FAR 16.207). Radian will provide 330 specified level of effort hours over a stated period of time on work that is described in the proposed Section C Scope of Work and Section J Attachments. The product of the contract will be a report showing the results achieved through application of the required level of effort. Payment will be based on the effort expended rather than on the results achieved.
3. The period of performance is 180 days from the date of task order award.
4. Contract Line Item Number (CLIN) 1002AA is hereby established in the amount of \$25,156.85 to fund 330 level of effort labor hours. The level of effort is further defined in the Section B Schedule.
5. Deliverables under this Task Order are set forth in the CDRL A001 at Section J and as referenced in the Scope of Work.
6. The Contracting Officer's Representative (COR) for this task order is Mr. Peter Motzenbecker; he can be reached at (586)574-4299. Functional Technical Representatives (FTR) are NOT authorized under this order.
7. The firm-fixed-price total dollar value of Task Order 0019 is \$25,156.85.

\*\*\* END OF NARRATIVE A 001 \*\*\*

Name of Offeror or Contractor: RADIAN INC.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SUPPLIES OR SERVICES AND PRICES/COSTS				
1002	SECURITY CLASS: Unclassified				
1002AA	<div>SERVICES LINE ITEM</div> <div>NOUN: LP-12 WELL DRILLING SYS STUDY PRON: E132C925EH    PRON AMD: 01    ACRN: AA AMS CD: 654804L4300</div> <div>Firm Fixed Price, Level of Effort, Term Total of 330 Hours as follows: 5 hrs Program Manager 5 hrs Program Analyst 80 hrs Engineer 80 hrs Logistician 80 hrs Product Manager 80 hrs Subcontract</div> <div>(End of narrative B002)</div> <div>Inspection and Acceptance INSPECTION: Destination    ACCEPTANCE: Destination</div> <div>Deliveries or Performance DLVR SCH    </div>				

<p style="text-align: center;"><b>CONTINUATION SHEET</b></p>	<p style="text-align: center;"><b>Reference No. of Document Being Continued</b></p> <p style="text-align: center;">PIIN/SIIN DAAE07-03-D-S008/0019      MOD/AMD</p>	<p style="text-align: center;"><b>Page 4 of 7</b></p>
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**Name of Offeror or Contractor:** RADIAN INC.

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Scope of Work

1. Background: The Army is acquiring three LP-12 water well drilling rigs from the Navy. The Army already has LP-12s in its inventory, but has a requirement for a Support Truck. The Navy LP-12s do not include the support truck. The Armys existing support trucks are International Harvester commercial trucks from the 1980s and no longer available in new condition. The purpose of this study is to recommend what the Army should use for a Support Truck for the LP-12s it is acquiring from the Navy.

2. Requirements: The contractor shall conduct a study to determine what model truck or trucks can best fill the role of an LP-12 Support Truck. The recommended truck must be a truck currently used by the Department of Defense, i.e., have logistics support already developed or have an existing Contractor Logistics Support system in place. The recommended truck in its current configuration does not need to have all the capabilities required by the support truck, but it must be capable of reasonably accepting modifications to meet the requirements described below.

2.1 The support truck shall be capable of carrying auxiliary equipment, tools, and accessories required for well drilling operations, including water, fuel, drill string, and well completion kit materiel. The support truck shall be complete for carrying accessories and supplies required in support of drilling to a depth of 600 feet, and for providing the hoisting, winching, water/fuel pumping, welding, generating, burning, and tool storage needs of field drilling operations. The truck shall be C-130 transportable. The truck shall possess a range of at least 200 miles at a speed of 30 mph. The truck shall have a ground clearance of no less than ten and a half inches. The truck shall have a minimum speed of at least 30 mph. over level terrain on primary roads. The recommended support truck shall be capable of operating in the same environment as the LP-12 drilling rig and be compatible with the LP-12

2.2 Components - The performance requirements of the components or features of the support truck shall be, but not limited to, the following:

- a) Waterbed
- b) Auxiliary fuel tank and transfer pump
- c) Storage
- d) Toolboxes
- e) Night lighting
- f) Water heating unit
- g) Workbench
- h) Vise
- i) Crane
- j) Water pump
- k) Welder/generator

2.3 The study should analyze a minimum of 3 trucks that could meet the Armys need for a replacement LP-12 support truck. Analysis of additional trucks beyond the minimum of 3 is desirable.

2.3.1 The attached spreadsheet shows the various requirements for the desired support truck. These requirements are listed in order of importance as an aid to the Contractor in completing the study. See Section J.

2.3.2 The contractor shall evaluate and analyze each truck it considers in view of each of the requirements listed. In addition to completing the spreadsheet, the contractor shall provide a narrative description of its analysis, focusing on needed modifications to the various trucks and the probable estimated costs of these modifications.

2.3.3 The contractor shall provided a ranking and rating of the various trucks studied, considering the importance of each of the items listed on the spreadsheet and the ability of each truck to meet these requirements.

3. Additional information on the components or features for the support truck may be found in Army Technical Manual TM5-3820-256-10, LP-12 Well Drilling Rig Purchase Description PD 3820-002, and Support Truck Commercial Item Description KKKT-2111L. The Government will provide copies of these documents to the contractor.

4. At contractor request, the Government will make arrangements for the contractor to inspect one of the Support Trucks currently owned by the Army. The inspection would take place at a National Guard or Army Reserve unit that has the equipment, with the exact location to be determined by the Government. This inspection would take place after award of the task order.

5. The deliverable product (see attached CDRL A001) of this study shall be a written report recommending a support truck and discussing the various alternatives considered. The report shall contain a completed spreadsheet (see Section J Attachments). The report shall be delivered as an electronic Word file. The draft report shall be delivered 180 days after award of the task order. Final report is due 15 days after Governments comments on the draft report is submitted to contractor.

6. Contracting Officers Representative (COR). The COR is an individual designated in accordance with DFARS 201.602.2 and is authorized in writing by the contracting officer to perform specific technical functions. The contracting officer has designated Mr. Pete Motzenbecker (586-574-4299) as the contracting officers representative (COR) for this task order. The Contractor will receive a copy of

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**Name of Offeror or Contractor:** RADIANT INC.

the written designation after task order award. It will specify the extent of the CORs authority to act on behalf of the contracting officer. The COR is not authorized to make any commitments or changes that will affect price, quantity, delivery or any other term or condition of this task order. A Functional Technical Representative (FTR) is NOT authorized under this effort.

\*\*\* END OF NARRATIVE C 001 \*\*\*

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**MOD/AMD**

**Name of Offeror or Contractor:** RADIAN INC.

## CONTRACT ADMINISTRATION DATA

LINE	AMS CD/	OBLG	ORDER	ACCOUNTING	OBLIGATED	
ITEM	MIPR	ACRN STAT	ACCOUNTING CLASSIFICATION	NUMBER	STATION	AMOUNT
1002AA	E132C925EH	AA 2 21	32040000031C1C05P654804255Y S20113	32C925	W56HZV \$	25,156.85
	654804L4300					
					TOTAL \$	25,156.85

SERVICE						ACCOUNTING	OBLIGATED
<u>NAME</u>	<u>TOTAL BY ACRN</u>	<u>ACCOUNTING CLASSIFICATION</u>				<u>STATION</u>	<u>AMOUNT</u>
Army	AA	21	32040000031C1C05P654804255Y	S20113		W56HZV	\$ 25,156.85
						TOTAL	\$ 25,156.85

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Name of Offeror or Contractor: RADIANT INC.			

LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Exhibit A	CONTRACT DATA REQUIREMENTS LIST	07-NOV-2003	001	
Attachment 001	SPREADSHEET	07-NOV-2003	001	

CONTRACT DATA REQUIREMENTS LIST

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO 1002AA      B. EXHIBIT: A      C. CATEGORY:  
D. SYSTEM/ITEM: LP-12 Well Drilling Support Truck      E. CONTRACT/PR NO: DAAE07-03-D-S008/0019  
F. CONTRACTOR: Radian, Inc.

1. DATA ITEM NO A001  
2. TITLE OF DATA ITEM: LP-12 Well Drilling Support Truck Study  
3. SUBTITLE: Analysis of Replacements for Support Truck  
4. AUTHORITY (Dt of Acq Document No.)      5. CONTRACT REFERENCE: C.5  
6. REQUIRING OFFICE: SFAE-CSS-FP-C  
7. DD250 REQ: No      8. APP CODE: Lt      9. DIST. STATEMENT REQUIRED:  
10. FREQUENCY: Once      11. AS OF DATE: See Block 16  
12. DATE OF FIRST SUB: See Blk 16      13. DATE OF SUBSEQUENT SUBMISSION: See Block 16

14. DISTRIBUTION  
A. ADDRESSEES See Block 16  
B. COPIES Final: 1 electronic copy (see Block 16)      15. TOTAL: 2

16. REMARKS:  
Report shall be prepared and submitted in accordance with SOW Section C. The contractor shall prepare the draft report (with spreadsheet) and submit within 180 days after task order award. Submit electronic draft to the COR at motzenbp@tacom.army.mil. Final report is due 15 days after receipt of Government comments. Contractor format is acceptable. One copy of the final report shall be submitted electronically to the COR and to the contracting officer at mccullom@tacom.army.mil.

17. PRICE GROUP:      18. ESTIMATED TOTAL PRICE:



Requirement	Vehicle Model #/NSN	A	B	C	D
(see key below for explanation)					
1. Compatible with LP-12					
2. Operates in same conditions as LP-12					
3. Is C-130 transportable					
4. Range of at least 200 miles at 30 mph.					
5. Minimum speed of at least 30 mph. over level terrain on primary roads					
6. Ground clearance of at least 10 1/2 inches					
7. Has waterbed					
8. Has water pump					
9. Has welder/generator					
10. Has crane					
11. Has auxiliary fuel tank & transfer pump					
12. Has water heating unit					
13. Has workbench					
14. Has vise					
15. Has night lighting					
16. Has toolboxes					
17. Has storage					

A = Meets Requirements without Modification

B = Meets Requirements with Modification(s)

C = Estimated Cost of Modification

D = Can't Meet Requirement